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| **Physical Science** | | | |
| **Scientific Inquiry** | | | |
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| **Score 4.0** | **In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.** | |  |
|  | *Score 3.5* | *In addition to score 3.0 performance, partial success at score 4.0 content* |  |
| **Score 3.0** | The student will:  Formulate a testable hypothesis supported by prior knowledge to guide an investigation  Identify and manage variables and constraints  Represent and review collected data in a systemic, accurate, and objective manner  Use results to verify or refute a hypothesis  Select and use lab equipment and technology appropriately and accurately  Use appropriate mathematics in all aspects of scientific inquiry | | **Sample Activities:**  Practice worksheets  Written labs  Student generated lab  Teacher generated lab evaluation  Graph interpretation  Student generated graphs from given data  Student generated graph from collected data |
|  | *Score 2.5* | *No major errors or omissions regarding score 2.0 content, and partial success at score 3.0 content* |  |
| **Score 2.0** | There are no major errors or omissions regarding the simpler details and processes as the student:  \*recognizes or recalls specific terminology such as:  Scientific method, hypothesis/prediction, independent variable, dependent variable, line graph, pie graph, bar graph, x-axis, y-axis, horizontal, vertical, meter, gram, liter, mass, volume, conversion factor | | **Sample Activities:**  Unit vocabulary power point, bellringers, sporkle game, labs and worksheets |
|  | *Score 1.5* | *Partial success at score 2.0 content, and major errors or omissions regarding score 3.0 content* |  |
| **Score 1.0** | **With help, partial success at score 2.0 content and score 3.0 content** | |  |
|  | *Score 0.5* | *With help, partial success at score 2.0 content but not at score 3.0 content* |  |
| **Score 0.0** | **Even with help, no success** | |  |